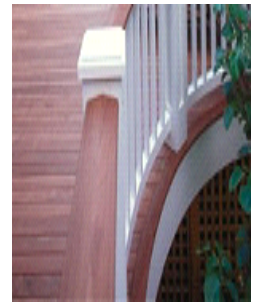




Ipe is a natural and versatile wood product used in a variety of applications. Ipe brings beauty, durability and elegance to gazebos, stairs, planters, decks, porches, fencing, walkways, rail systems and outdoor furniture. The benefits of using IPE in your projects include:



- Long term value and lasting beauty
- Improved safety due to slip resistance
- Resists insects, moisture and fire (highest fire rating A1 by NFPA)
- Exceptional durability and longevity
- Extraordinary strength permits vehicular traffic
- 100% Natural and environmentally friendly
- Maintenance Free – IPE will silver naturally (Color can be preserved with a UV protectant)



FAQ's:

What is IPE?

IPE is a premium grade all natural hardwood originating from the *Tabebuia Serritolfolia*. IPE possesses the rich appearance of Teak with a lasting life of low maintenance and durability.

How does IPE affect the rain forest?

IPE is harvested under the guidelines and techniques of sustainable yield forestry management.

Why use IPE?

IPE is an environmentally responsible material that naturally resists rot, checking, cracking, splitting and decay without toxic preservatives. The lifespan of IPE is many times that of chemically preserved softwoods.

How does IPE weather?

Weather has no effect on the structural integrity of IPE; however, sun exposure will transform the rich brown color to a beautiful silvery patina.

What sizes does IPE come in?

1x4, 1x6, 5/4x6, 5/4x8, 2x2, 2x4, 2x6, 2x8, 2x10, 2x12, 4x4.

Is IPE competitively priced with other outdoor woods?

IPE is an economical natural alternative to other woods when the entire life cycle cost is considered. Pressure treated decks tend to split, crack, twist and splinter requiring costly maintenance. Redwood and Cedar are rarely available in the grades to withstand harsh climate and decay organisms.

Is IPE easy to work with?

Due to its dense cell structure IPE must be predrilled and fastened using stainless steel screws. The dense cell structure adds to its shear strength which enables the joists and sub frame to be expanded thereby saving time and money. **** See attached installation guide****

INSTALLATION INTSTRUCTIONS

Congratulations on purchasing the finest quality exterior decking. This guide will explain essential woodworking strategies employed by experienced decking installers. Proper use and care of this product will help ensure a long and attractive service life.

HANDLING: Transport IPE Deck in a secured bundle or crate. Do not open bundles until ready to air dry or install the product. Protect exposed milled surfaces with scrap wood or crating whenever handling with a mechanical lift.

STORAGE: Store IPE in a cool dry place, out of direct sunlight, dust and rain. IF stored over open ground, leave sufficient circulation space under the bundle to counter the effects of condensation.

CONDITIONING: Prior to use, air dry IPE to local moisture levels, this will result in a more attractive and stable project.

Deck Board Span Table	
<i>Building regulations vary, consult local building and safety codes</i>	
¾" x 3-1/2"	16" oc span
¾" x 5-1/2"	24" oc span
1" x 3-1/2"	16-24" oc span
1" x 5-1/2"	24" oc span
1-1/2" x 3-1/2"	24" oc span
1-1/2" x 5-1/2"	36" oc span

DESIGN: All deck surfaces must be designed with a slight grade sufficient to produce run off. ** All projects should be designed with sufficient space between the project and ground to permit continuous circulation of fresh air; this is critical for long term dimensional stability**

INSTALLATION: Both high-speed steel and cobalt drill bits may be used effectively with IPE. Carbide tipped saw blades and router bits are recommended for cleaner cuts and extended life. When milling IPE use slower feed rates and maintain sharp cutting surfaces.

Apply a clear end sealant, such as Anchorseal®, to board ends as they are trimmed, cross cut, or milled. Apply end seal neatly, as end seal will prevent penetration of oil based finishes. Do not wait to seal fresh cut ends, as end grain damage may begin immediately.

Do not straighten crooked boards by screwing them into position. Odds are that the force required will snap the fastener. First, position the board with a lever, clamp or Bow Wrench™, and then securely fasten it in place. Sub-decking (structural) elements must be properly treated, straight and stable.

Deck boards may be installed directly abutting one another, however, after seasoning, proper installation requires a minimum gap of 1/16" between all deck boards. This increases air circulation and provides an exit for rain and melting snow.

ACCLIMATIZATION (Seasoning): After acclimating, the average shrinkage values of deck boards are contained in the following table. Shrinkage rates are shown are per board and measured across the width of the board.

Deck Board Shrinkage Table
1/16" shrinkage for 4" Wide Boards
1/8" shrinkage for 6" Wide Boards

FASTENERS: Stainless steel fasteners are highly recommended due to their resistance to corrosion and staining. **WARNING:** Galvanized fasteners may discolor IPE decking with time and exposure. Regardless of which fastener you choose, the diameter of its pilot hole must be approximate the diameter of the fastener in order to prevent splitting the wood, bending the nails or breaking screws.

SCREWS: The most effective method for fastening IPE includes the three methods listed below:

1. Standard screws: It is necessary to pre-drill pilot hole and countersink.
2. Trim head screws: The smaller size of the Trim head permits countersinking the screw without having to pre-drill the countersink portion of the hole. Note: Due to variations in screw design, the proper diameters of pilot holes will vary.
3. Self-tapping or other type screws.

PNEUMATIC FINISH NAILS (Stainless Steel)

The t shape finish nails associated with pneumatic nailer have been used successfully with 1"x 4" and 1" x 6" nominal size decking. These smooth nails should be driven inward or "toe-nailed" towards the board's center at a 15 degree angle. Installers using this "toe-nail" method have discovered that construction adhesive helps prevent deck board "creep and squeak". Finally, to prevent splitting, always pre-drill holes when nailing near the end of a board.

ALTERNATIVE FASTENING SYSTEMS: (See Superior Hardwoods for details)
EB TY™.

FINISH OPTIONS: (See Superior Hardwoods for details)

Natural Aging

Keep the deck clean, and allow the product to silver naturally

Penetrating Oil

Immediately upon installation, apply penetrating oil with effective UV blockers such as Penofin®

Seal Once

Apply two coats of Seal Once onto a clean, dry decking surface. The application should be wet on damp (do not allow to dry between coats) (See Superior Hardwoods for complete application instructions)

MAINTENANCE:

Natural Aging

IPE installations in dry or coastal locations develop a brilliant sheen as these environments naturally inhibit discoloring fungal growth. Keeping inland projects free of debris, sap, spores and mildew will also result in a rich silver patina.

Penetrating Oil

Refer to manufacturers guidelines

Seal Once

Refer to manufacturers guidelines

Restoration

Power wash or sand until the gray surface film is removed and the original color revealed. Apply your choice of penetrating oil with effective UV blocking agents.